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Microbiology Abstracts Section B

Bacteriology

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Annual Subject and Author

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to Volume 11 1976

Part 1 Subject Index A - Or

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Preface

From 1976, IRL has adopted a new system for preparation of subject indexes. The new system is based on the use of key word listings derived from the previous free-term indexes.

Indexing entries for each abstract are prepared from (i) a key word/term (e.g. **Tuberculosis**), (ii) one or more subsidiary words/terms (e.g. treatment), (iii) one or more 'free' descriptors as necessary. From the terms selected, one or more chains are derived. The terms are separated by the following:

1) comma — to separate terms
2) hyphen — to indicate a relationship between terms
3) oblique — to indicate an alternative
4) plus sign — to indicate a combination
5) cross — to indicate a hybrid

The chains thus generated are then sorted by computer.

Example

Title of abstract : 'Incidence of Escherichia coli septicaemia in neonatal wards : effect of ward design'

Key words : Escherichia coli, septicaemia, neonate, nosocomial infection.

Subsidiary words : effect of, hospitals, incidence.

Free terms : ward design.

Entries generated :

Escherichia coli, septicaemia, neonate, incidence, hospitals, effect of ward design.

Septicaemia, neonate, incidence, hospitals, effect of ward design, Escherichia coli.

Neonate, septicaemia, incidence, hospitals, effect of ward design, Escherichia coli.

Nosocomial infection, septicaemia, neonate, incidence, hospitals, effect of ward design.

Cross-references are included throughout the index, and are of three main types: (i) to direct the user from one synonym to another (e.g. **Murein**, see **Peptidoglycan**); (ii) to direct the user from the general to the more specific (e.g. **Tuberculin test**, see also **Heaf, Mantoux, Tine tests**); and (iii) to direct the user from one term to another closely related but not synonymous term (e.g. **Acetylene reduction**, see also **Nitrogen fixation**).

Bacteria are indexed as far as possible according to Bergey's Manual of Determinative Bacteriology (8th Ed.); the name used by the author in the original papers is indexed when there is no direct or obvious equivalent in Bergey. Synonyms have been largely eliminated by the use of cross-references, e.g. **Clostridium welchii,** see **Clostridium perfringens, Hansen's bacillus,** see **Mycobacterium leprae**. Where classification is still under debate or the 'incorrect' version of a name is still widely used, both versions appear in the index, and are cross-referred, e.g. **Corynebacterium parvum,** see also **Propionibacterium acnes,** and vice versa.

Diseases are index according to their most widely used medical designation, e.g. **Tuberculosis**, and common and/or particular types of each disease suffixed in parenthesis, e.g. **Tuberculosis (plumonary)**. If experimental, this is also suffixed. When a specific disease is associated with a specific causative bacterium, only the disease is entered as a key word, while the causative organism is covered by a cross-reference, e.g. **Mycobacterium tuberculosis,** see also **Tuberculosis.**

Countries are indexed only when of direct relevance to a study, e.g incidence of dental caries in **Sweden**. Drugs are index by their chemical or common name in most cases. The more frequently occuring proprietary names are directed to the chemical name by cross-references, e.g. **Eusaprim,** see **Trimethoprim + sulphamethoxazole; Betadine,** see **Povidone-iodine; Levomycetin,** see **Chloramphenicol.**

Plants, insects and animals (excluding livestock and laboratory animals) are indexed under their Latin names as far as possible.

General descriptors such as **Antibiotic, Disinfectant, Medium, Phage, Foodstuffs, Marine bacteria,** etc, are used when either nothing more is specified in the abstract, or if the indexing would become too complex by attempting to cover all agents/materials/bacteria described.

Books and proceedings are indexed as follows. If the book or meeting are on a well-defined topic, e.g. leprosy, information will appear under the key-word heading **Leprosy**. If either are of a more general nature, e.g. Molecular genetics, or simply Microbiology, the book will appear only under the general key word **Books,** while the meeting will be entered as, e.g. **Japanese Society of Bacteriology,** 28th Meeting.

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Microbiology Abstracts Section B

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